

REMARKS

Claims 30-34, 46-49 and 58-60 are pending with claims 30 and 46 being independent claims. Claims 30 and 46 are amended herewith. No new matter has been added.

Claim Objection

The Examiner objected to claim 31 as it depended from rejected claim 30. Applicant respectfully requests the removal of this objection in light of the amendment to claim 30 described below.

Rejections under 35 U.S.C. §112

The Examiner rejected claims 30, 32-34, 46-49 and 58-60 under 35 U.S.C. §112, first paragraph, as not being enabled. The Examiner has argued that the specification does not reasonably provide enablement for modified heparinase II enzymes comprising SEQ ID NO: 2 having conservative substitutions thereof or modified heparinase I enzymes comprising SEQ ID NO: 4 having conservative substitutions thereof.

Applicant has amended claims 30 and 46 to remove the phrase “having conservative substitutions thereof” in the interest of expediting the prosecution of this application. However, Applicant does maintain that one of ordinary skill in the art would be enabled to prepare and use the modified heparinase enzymes as provided in the claims prior to this amendment.


Accordingly, withdrawal of the rejection of claims 30, 32-34, 46-49 and 58-60 under 35 U.S.C. §112 is respectfully requested.

CONCLUSION

In view of the foregoing amendments and remarks, this application should now be in condition for allowance. A notice to this effect is respectfully requested. If the Examiner believes, after this amendment, that the application is not in condition for allowance, the Examiner is requested to call the Applicant's representative at the telephone number listed below.

If the Examiner has any questions and believes that a telephone conference with Applicant's representative would prove helpful in expediting the prosecution of this application, the Examiner is urged to call the undersigned at (617) 646-8000.

Respectfully submitted,
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